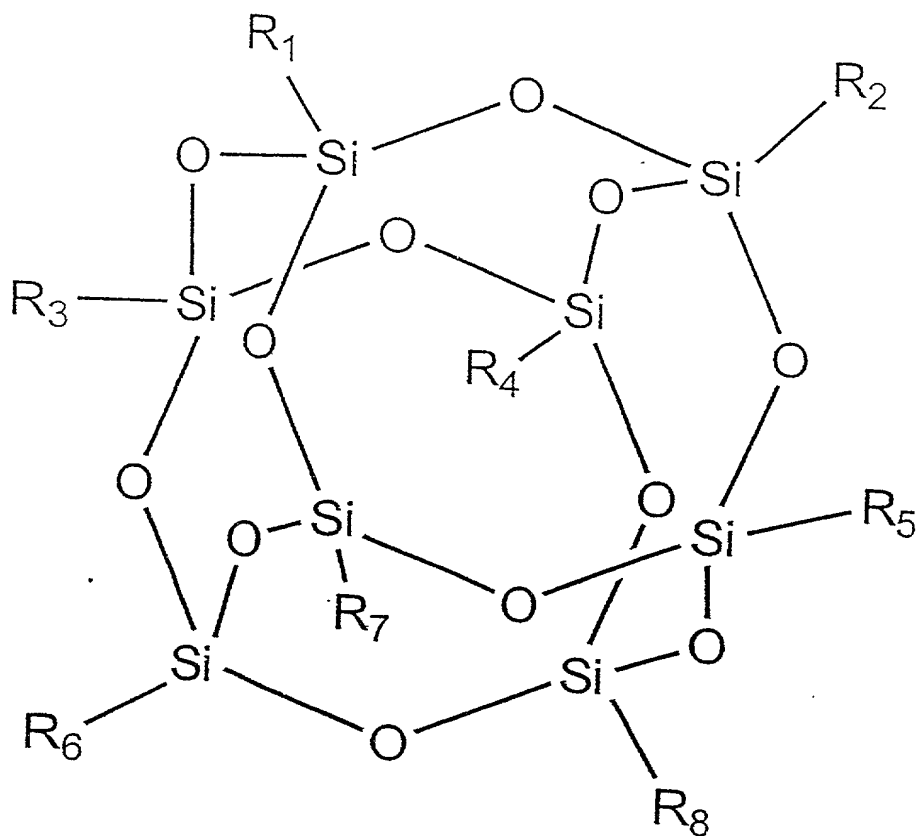
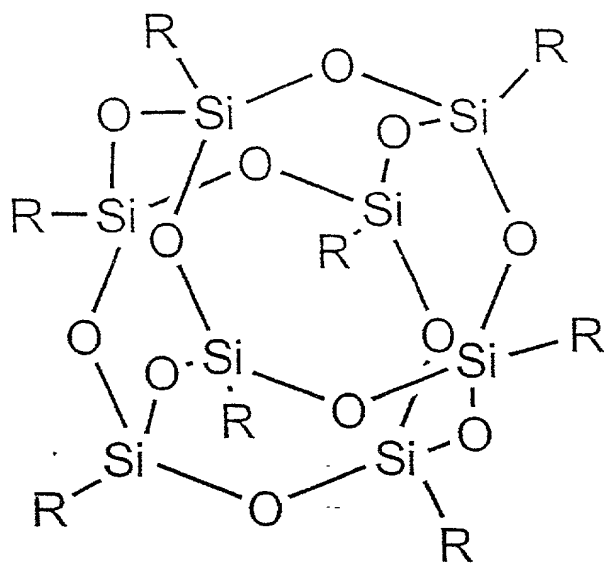


Figure 1

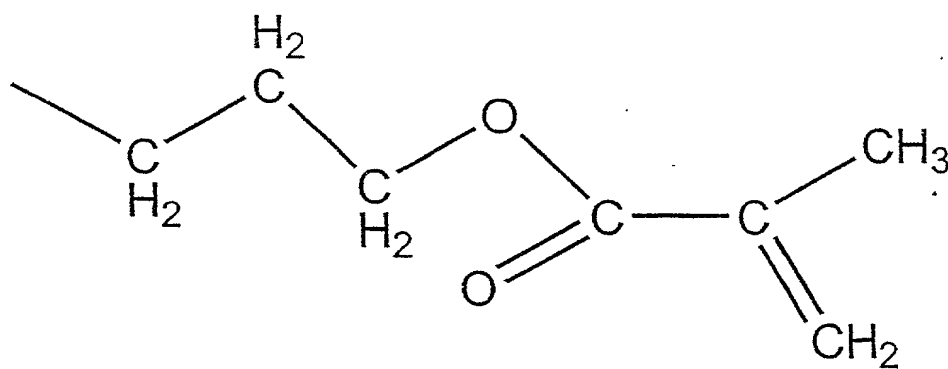


Polyhedral Oligomeric  
Silsesquioxanes (POSS)

Figure 2

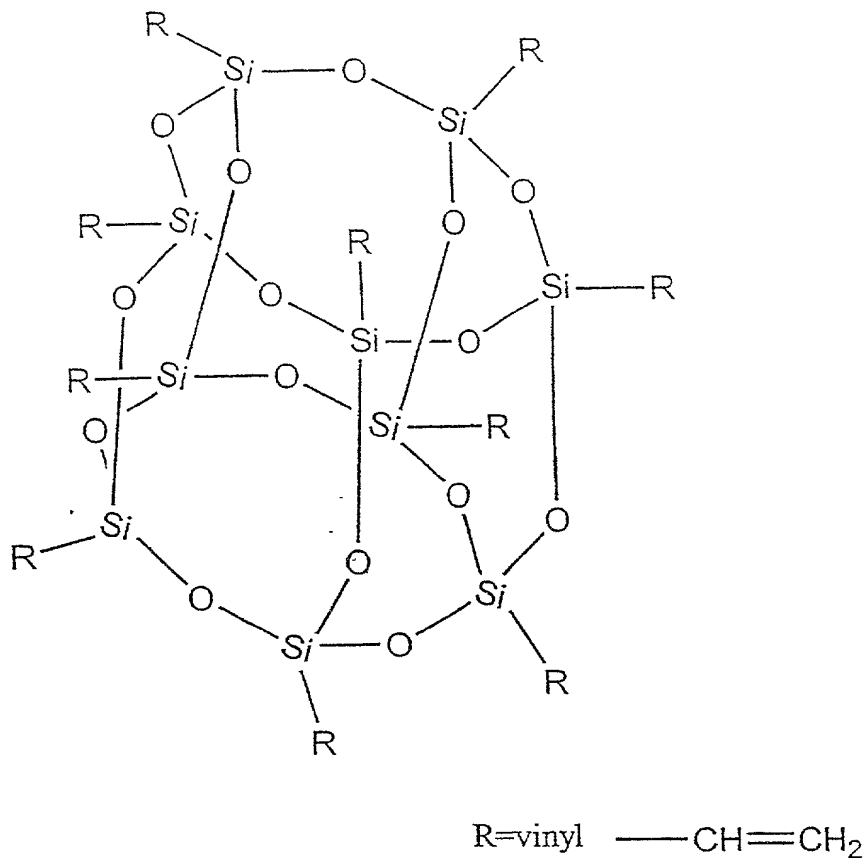


Where R is



Methacrylate-POSS

Figure 3



Vinyl-POSS

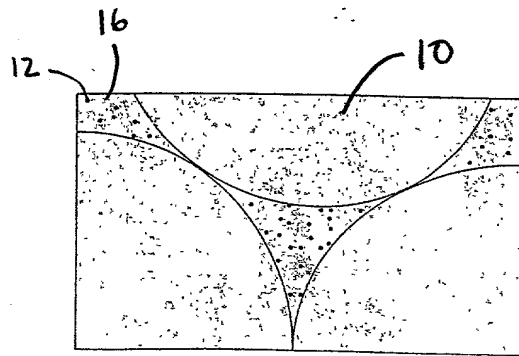
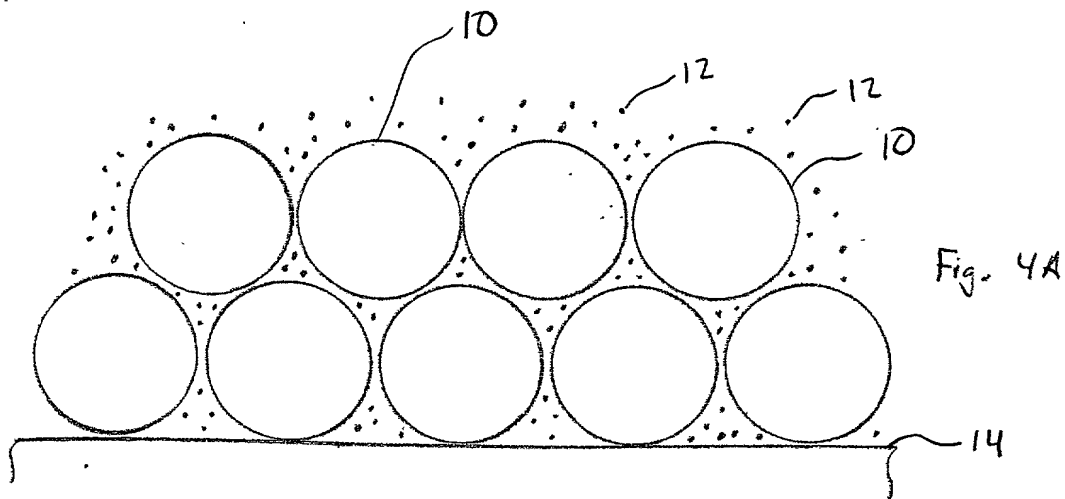


Fig. 4B

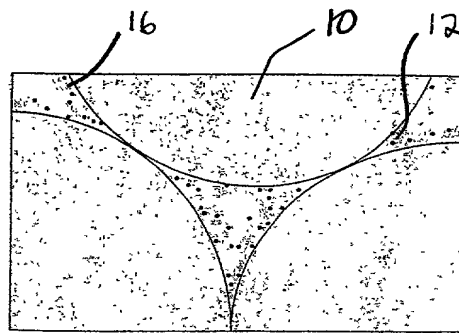


Fig. 4C

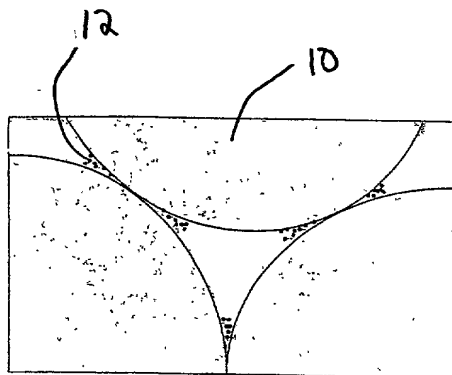


Fig. 4D

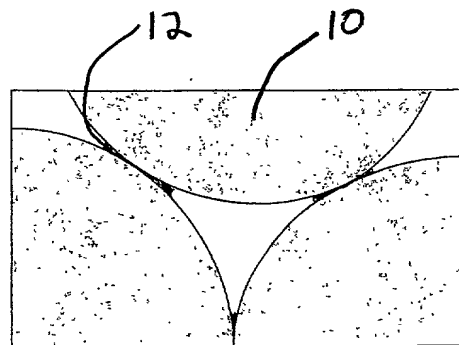
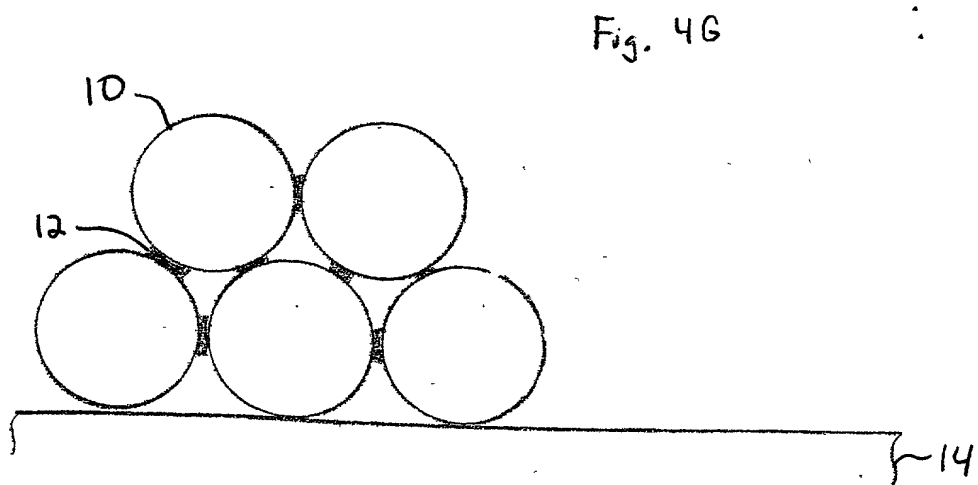
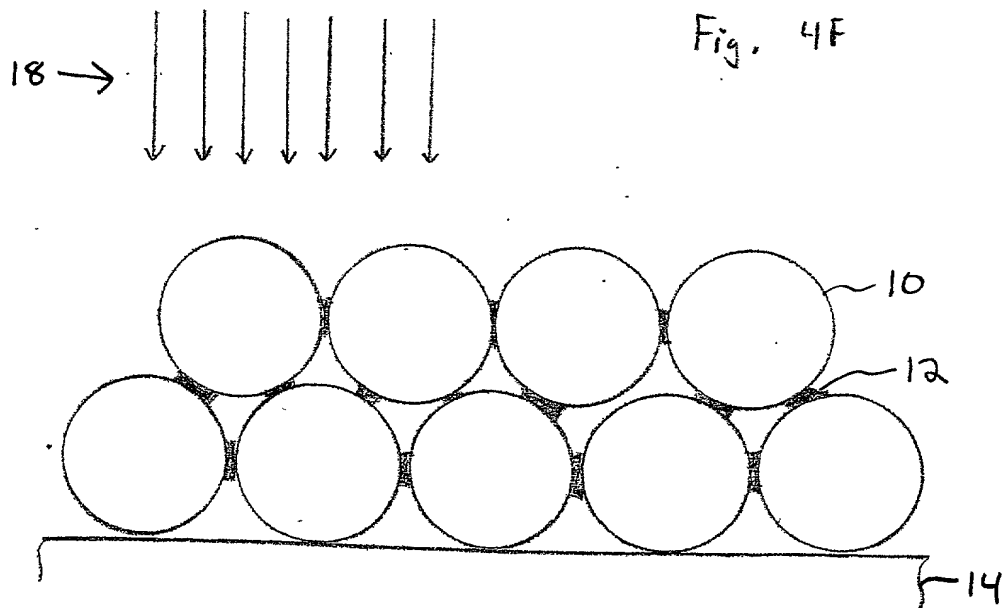


Fig. 4E



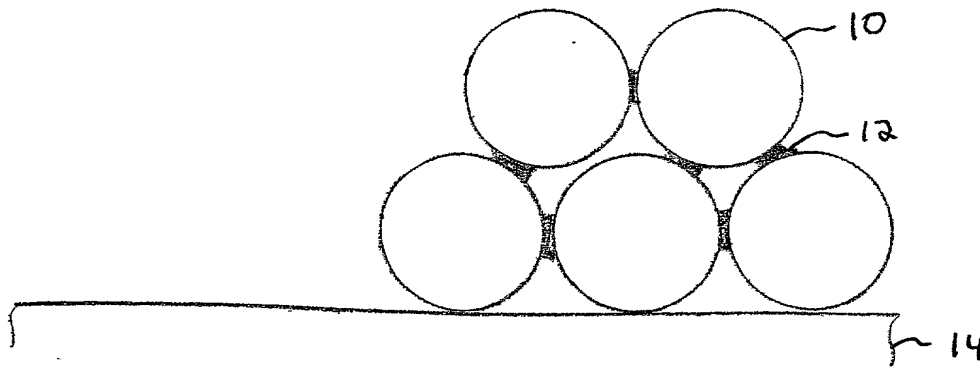


Fig. 4H

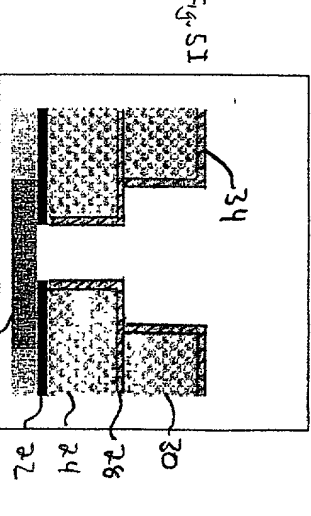
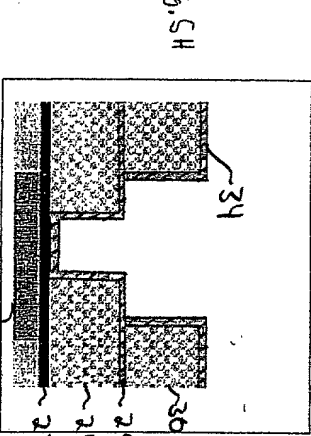
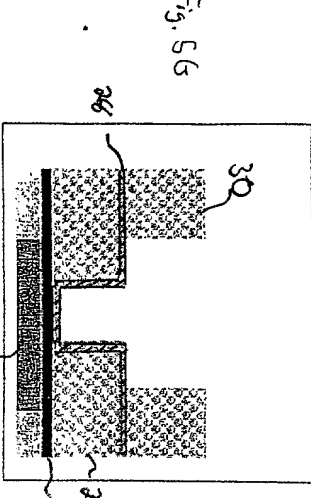
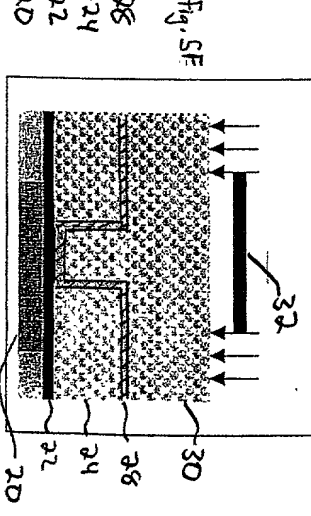
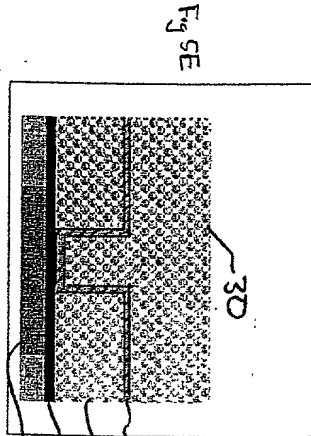
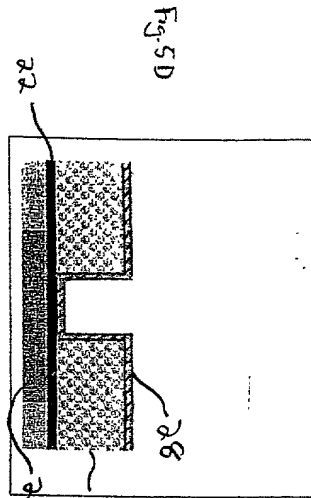
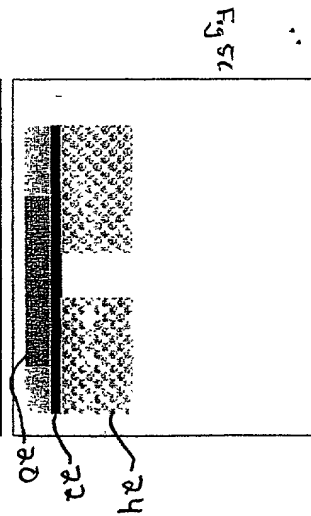
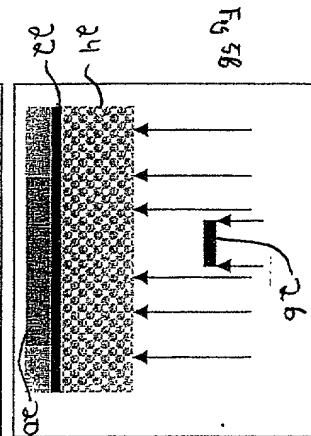
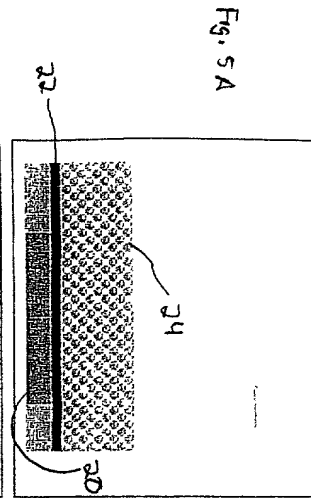


FIG. 5M

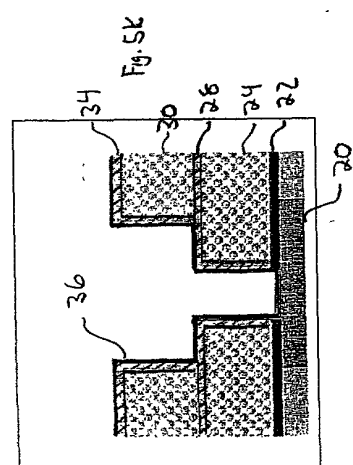
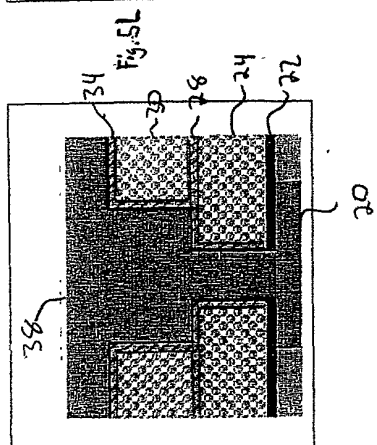
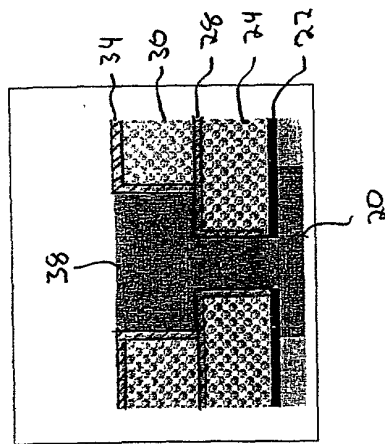


Fig. 5L

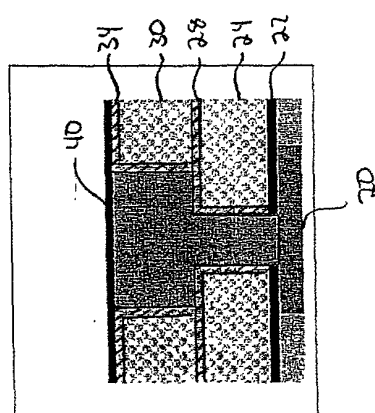


Fig. 5M